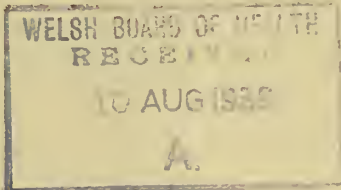


Whitchall

NEATH RURAL DISTRICT COUNCIL



ANNUAL REPORT

For 1937.



MEDICAL OFFICER OF HEALTH.

NEATH RURAL DISTRICT COUNCIL



ANNUAL REPORT

For 1937.



MEDICAL OFFICER OF HEALTH.

Neath Rural District Council

Chairman

Councillor CLIFFORD PROTHEROE, J.P.

Deputy Chairman

Councillor C. R. KIMBER.

Councillor Arthur, David

Councillor George, J. S.

Councillor Jones, William

„ Atyeo, E. J.

„ Griffiths, Wm. R.

„ Morgan, Morgan, J.P.

„ Barnard, Samuel

„ Harris, W. P.

„ Norman, R. G.

„ Boyle, Patrick.

„ James, John, J.P. (*Onllwyn*)

„ Smith, R. M.

„ Davies, Mary E.

„ James, John (*Crynant*).

„ Thomas, Alun C.

„ Davies, William

„ Jenkins, David

„ Thomas, Gethin

„ Evans, D. J.

„ Jenkins, W. P.

„ Vowles, Albert.

„ Evans, J. T., J.P.

„ John, Albert.

„ Williams, David.

„ Geary, Richard.

„ Jones, Amy, J.P.

„ Jones, George, J.P.

Public Health Committee.

Chairman

Councillor ALBERT VOWLES.

Deputy Chairman

..... Councillor JOHN JAMES, J.P. (*Onllwyn*)

All Members of the Council.

Maternity and Child Welfare Committee.

Chairman

Councillor GEORGE JONES, J.P.

Deputy Chairman

..... Councillor JOHN JAMES, J.P. (*Onllwyn*).

All Members of the Council.

Co-opted Members of Maternity and Child Welfare Committee.

Mrs. C. Bickle.

Mrs. J. S. George.

Mrs. Miller.

Mrs. P. Boyle.

Mrs. E. John.

Mrs. M. A. Morgan.

Mrs. Cornelius

Mrs. Wm. Jones.

Miss E. J. Roberts.

Mrs. Rosina Down.

Mrs. D. J. Jones.

Mrs. E. Williams.

Mrs. Davies.

Mrs. Fred Lloyd.

Housing Committee.

Chairman

Councillor MORGAN MORGAN, J.P.

Deputy Chairman

..... Councillor WILLIAM JONES.

All the Members of the Council.

Water Committee.

Chairman

Councillor CLIFFORD PROTHEROE, J.P.

Deputy Chairman

..... Councillor DAVID JENKINS.

Public Health Officers.

Medical Officer of Health :

J. GRIFFITHS, O.B.E., M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (Lond. and Eng.).

Medical Officer for Maternity and Child Welfare and Ante-Natal Centres:

J. GRIFFITHS, O.B.E., M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (Lond. and Eng.)

Obstetric and Gynaecological Consultant :

J. LLOYD DAVIES, M.D. (Lond.), M.R.C.P. (Lond.), F.R.C.S. (Edin.), D.P.H.
(Lond. and Eng.).

Obstetric and Gynaecological Pathologist :

A. F. SLADDEN.

Sanitary Inspectors :

S. McNEIL, C.R.S.I.

Wm. WILLIAMS.

C. G. STANFORD, C.R.S.I. & S.I.E.J.B.

Health Visitors :

G. H. JAMES, Registered State Nurse, C.M.B. Cert., H.V. Cert. (R.S.I.).

O. LEWIS, C.M.B. Cert., H.V. Cert (R.S.I.).

E. EDWARDS, Registered State Nurse, C.M.B. Cert., New H.V. Cert. (R.S.I.).

Clerk :

MANSEL C. DAVIES.

Junior Clerk :

GLYN J. PHILLIPS.

Neath Rural District Council.

PUBLIC HEALTH DEPARTMENT,

ORCHARD CHAMBERS,

NEATH,

*To the Chairman and Members of the
Neath Rural District Council.*

LADIES AND GENTLEMEN,

In accordance with Article 17(5) of the Sanitary Officers (Outside London) Regulations, 1935, I beg to submit to you my Annual Report for the year ended 31st December, 1937. The Report is drawn up in accordance with the instructions of the Ministry of Health as laid down in Circular 1650 (Wales).

No appreciable variation took place during the year in the birth-rate, death-rate or still-birth rate, to that of previous years.

There was one death from puerperal sepsis during the year and three deaths from other puerperal causes.

There were 297 new houses occupied during the year. Figures for overcrowding do not show any appreciable improvement during the year and it is not until the end of 1938, when a number of houses will have been built and occupied that improvement in this direction will be noticeable.

I wish to avail myself of the opportunity of thanking both the Accountant and Engineer of the Council for information supplied me for this Report.

I have the honour to be,

Ladies and Gentlemen,

Your obedient Servant,

J. GRIFFITHS,

Medical Officer of Health.

Report.

1.—STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

(a) **Area.**—The acreage of the Rural District (including land and inland water) is 52,039 acres and for reference purposes the acreage of the fourteen parishes which constitute the area are given below :

Baglan Higher	1,718 acres	Dulais Lower	5,227 acres.
Blaengwrach	2,869 acres	Michaelstone Higher	2,410 acres
Blaenhonddan	3,466 acres	Neath Higher	6,870 acres
Clyne	2,195 acres	Neath Lower	2,101 acres
Coedffranc	3,826 acres	Resolven	4,672 acres
Dyffryn Clydach	1,725 acres	Rhigos	5,583 acres
Dulais Higher	6,261 acres	Tonna	3,116 acres

(b) **Population.**—The Census Population of 1931 is 39,783. The number of males and females is 20,855 and 18,928 respectively.

The estimated resident population is supplied by the Registrar General and is given as 40,100, and therefore the calculations in respect of births, deaths, etc., are based upon this figure.

The following table shows the Census Population since 1891.

Census 1891	24,397
„ 1901	28,282
„ 1911	41,613
„ 1921	48,219
„ 1931	39,783

Estimated Resident Population 1932	40,180
„ „ „ 1933	40,550
„ „ „ 1934	40,500
„ „ „ 1935	40,450
„ „ „ 1936	40,200
„ „ „ 1937	40,100

(c) **Number of Inhabited Houses** (end of 1936 according to Rate Books) 9,897

(d) **Number of Private Families or Separate Occupiers** (Census, 1931) 9,447

(e) **Rateable Value and Sum represented by a Penny Rate:—**

(1) Total Rateable Value	£135,945. 0. 0.
(2) Produce of a Penny Rate—General Rate Purposes	£493. 6. 4.

(f) **Social Conditions, including Chief Industries in Area, and the extent of unemployment.**

Social conditions in the area have improved during the last few years and the larger villages and townships such as Glynneath, Cwmgwrach, Resolven, Skewen, Llandarcy, Onllwyn, Seven Sisters, and Pontrhydyfen, have provided themselves with recreation grounds for tennis, bowls, etc., and Institutes for indoor recreation. At Seven Sisters a swimming pool is also provided. During the year two pithead-baths were opened, one at Seven Sisters and one at Cefncoed, Crynant, and two more are in course of construction, one at Glyn Neath and the other at Cwmgwrach. It is hoped that not only other Collieries will proceed with the erection of pithead baths for their workmen, but that the tinplate industry and engineering works of the District will follow the example given them by the mining industry. How great is the appreciation of not only the miners themselves, but also their wives, who in many instances have more than sufficient work to look after their families and housework, without having to prepare for their menfolk by the time they reach home from work, this being especially so where the families are large and where no bathrooms are provided. This measure will undoubtedly give our mothers a greater chance of enjoying better health and devoting more of their time to their young children.

The chief industries of the area are coal-mining, tinplate works, oil-refining, engineering works, quarrying and brickworks.

The following information upon the extent of Unemployment in the area has been supplied me by the Neath Employment Exchange.—

“Skewen has been rather badly affected in the last year this being mainly due to the closing of the Cardonnel Tinplate Works. The number of unemployed at Skewen on the 31st December, 1937, was 460.

The Dulais Valley has also been effected through the closing of the Aberdulais Tinplate Works, when 250 employees were made idle.

The trade conditions in the Resolven District (including Glynneath) were good during 1937 and unemployment figures for this area were the best for several years.

(g) **Extracts from vital Statistics of the Year.**

			Total.	M.	F.		
LIVE	}	Legitimate	632	324	308	Birth-rate per 1,000 of the estimated resident population	16.0
BIRTHS		Illegitimate	11	9	2		
STILL-	}	Legitimate	37	20	17	Still-birth rate per 1,000 total (Live and Still-births) births	55.8
BIRTHS		Illegitimate	1	0	1		
DEATHS			455	264	191	Death-rate per 1,000 of the estimated resident population	11.3

Deaths from Puerperal Causes.

	Deaths	Rate per 1,000 Total (Live & Still) Births
Puerperal Sepsis	1	1.46
Other Puerperal Causes	3	4.40
Total	4	5.87

Death-rate of Infants under one year of age:—

All Infants per 1,000 live births	64
Legitimate Infants per 1,000 legitimate live births	63
Illegitimate Infants per 1,000 illegitimate live births	90

	Total	Males.	Females.
Deaths from Measles (all ages)	2	2	0
Deaths from Whooping Cough (all ages)	1	1	0
Deaths from Diarrhoea (under 2 years of age)	1	1	0
Deaths from Cancer (all ages)	50	25	25

Age Distribution of Cancer Deaths.

Age Distribution.	Males.	Females.
25-35 years.	0	0
35-45 „	0	0
45-55	4	12
55-65 „	7	5
65 and upwards	14	8
Total	25	25

Births.—The proportion of male to female births is as 1,000 is to 931.

The number of Births and the Birth-rate (since 1921) for the Neath Rural District Area are shown in the following Table :

Year.	Births.	Birth-rate.
1921	1,373	28.5
1922	1,025	24.2
1923	953	24.6
1924	903	22.7
1925	907	22.6
1926	883	21.7
1927	729	17.8
1928	711	17.0
1929	695	16.5
1930	687	16.3
1931	668	16.6
1932	666	16.6
1933	636	15.7
1934	710	17.5
1935	624	15.4
1936	641	15.9
1937	643	16.0

Comparison of Birth-rates with Rates for Country generally.

	Per 1,000 total Population.
England and Wales	14.9
125 County Boroughs and Great Towns, including London	14.9
148 Smaller Towns (estimated Resident Population, 25,000 to 50,000 at Census, 1931)	15.3
London Administrative County	13.3
Neath Rural District	16.0

Deaths.—The deaths at all ages and from all causes during the year 1937 amounted to 455. Out of this total 264 were males and 191 females. The deaths correspond to a death-rate of 11.3 per 1,000, as compared with 12.4 per 1,000, the death-rate for England and Wales for the same period.

The number of deaths, as well as the percentage at different age periods, are given below.

<i>Age Period.</i>	<i>No. of Deaths.</i>	<i>Death Percentage.</i>
0— 1 year	41	9.0
1— 2 years	8	1.8
2— 5 years	7	1.5
5—15 years	12	2.6
15—25 years	21	4.6
25—45 years.	53	11.7
45—65 years	135	29.7
65 years and upwards	178	39.1

The District Coroner held inquests on 49 deaths, *i.e.*, 10.8% of the total deaths during the year.

Causes of Death.—The following Table gives a classification of the causes of death as recorded by the Registrar General:—

	<i>Causes of Death</i>	<i>Males.</i>	<i>Females.</i>	<i>Total.</i>
1	Typhoid and Paratyphoid Fevers.	0	0	0
2	Measles	2	0	2
3	Scarlet Fever	0	0	0
4	Whooping ough	1	0	1
5	Diphtheria	3	0	3
6	Influenza	9	3	12
7	Encephalitis Lethargica	0	0	0
8	Cerebo-spinal Fever	0	0	0
9	Tuberculosis of Respiratory System	0	11	20
10	Other Tuberculosis Diseases	3	5	8
11	Syphilis	0	0	0
12	General Paralysis of the Insane, tabes dorsalis	1	0	1
13	Cancer, Malignant Disease	25	25	50
14	Diabetes	3	5	8
15	Cerebral Haemorrhage, etc.	9	10	19
16	Heart Disease	60	41	101
17	Aneurysm	1	0	1

Causes of Death.		Males.	Females.	Total
18	Other Circulatory Diseases	5	9	14
19	Bronchitis	20	6	26
20	Pneumonia (all forms)	8	7	15
21	Other Respiratory Diseases	9	2	11
22	Peptic Ulcer	0	0	0
23	Diarrhoea, etc. (under 2 years)	1	0	1
24	Appendicitis	3	1	4
25	Cirrhosis of Liver, etc.	0	1	1
26	Other Diseases of Liver, etc.	0	1	1
27	Other Digestive Diseases	4	3	7
28	Acute and Chronic Nephritis	16	12	28
29	Puerperal Sepsis	0	1	1
30	Other Puerperal causes	0	3	3
31	Congenital Debility, Premature Birth, Malformation, etc.	17	9	26
32	Senility	7	10	17
33	Suicide	3	2	5
34	Other Violence	21	4	25
35	Other defined Diseases	24	20	44
36	Causes ill-defined or unknown	0	0	0
Special Causes (included in No. 35 above)				
37	Smallpox	0	0	0
38	Poliomyelitis	0	0	0
39	Polio-encephalitis	0	0	0
Totals		264	191	455

Transferable Deaths.—108 deaths occurred outside the District, *i.e.*, being persons belonging to this District, and are included in the total number of deaths, 455 stated above. 12 deaths occurred within the District among persons belonging to other districts. These have been transferred to the Districts concerned, and are not included in the number of deaths registered in the Neath Rural Council.

Analysis of Mortality showing Age Distribution.

Parish	Under 1 Year		1—2 Years		2—5 Years		5—15 Years		15—25 Years		25—45 Years		45—65 Years		65 up'ds.	
	M	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Baglan Higher	2	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
Blaengwrach	0	0	0	0	0	0	0	0	0	0	2	1	2	1	1	3
Blaenhonddan	4	1	1	0	0	0	2	0	0	0	1	4	6	6	11	9
Clyne	0	0	0	0	0	0	0	1	0	0	2	0	3	1	2	1
Coedffranc	4	3	1	0	3	1	1	2	1	2	4	7	18	13	23	28
Dyffryn Clydach	1	1	0	0	0	0	0	1	0	0	0	0	4	2	3	2
Dylais Higher	3	5	3	0	0	0	1	0	6	3	5	2	10	9	15	10
Dylais Lower	1	1	0	0	0	0	1	0	1	0	0	0	0	3	5	1
Michaelstone Higher	2	0	0	0	0	1	0	0	2	0	0	1	3	1	4	1
Neath Higher	3	2	1	0	0	0	1	0	1	2	6	7	12	7	16	9
Neath Lower	1	0	0	0	0	0	0	0	0	1	0	0	1	1	2	2
Resolven	4	0	1	1	0	0	1	0	1	1	5	2	14	5	12	4
Rhigos	0	1	0	0	0	0	0	1	0	0	2	0	2	4	3	4
Tonna	2	0	0	0	2	0	0	0	0	0	1	0	4	2	2	5
Totals	27	14	7	1	5	2	7	5	12	9	28	25	79	56	99	79

The number of Deaths and Death-rate since 1921 for the District are shown in the following Table:—

Year.	Deaths.	Death-rate.
1921	542	11.2
1922	491	11.6
1923	421	10.8
1924	389	9.8
1925	411	10.2
1926	427	10.5
1927	431	10.5
1928	404	9.6
1929	457	10.8
1930	436	10.3
1931	424	10.5
1932	502	12.4
1933	460	11.3
1934	448	11.0
1935	433	10.7
1936	446	11.1
1937	455	11.3

Seasonable Death-rate.—The following Table gives the number of Deaths and Death-rate for each quarter of the year:—

	No. of deaths.	Death-rate.
First Quarter	132	13.1
Second Quarter	110	11.0
Third Quarter	99	9.8
Fourth Quarter	114	11.3

Infantile Mortality—There were 643 births during the year, and 41 deaths of children under one year of age, resulting in an infantile mortality rate of 64 per 1,000 live births.

The infantile Mortality rates in legitimate and illegitimate infants were 63 and 90 respectively.

The following Table gives the number of births and deaths of infants under one year., together with its corresponding infant mortality rate for each year since 1921.

Year.	Births.	Deaths under 1 year.	Rate per 1,000 Births.
1921	1,373	101	73
1922	1,025	92	89
1923	953	77	80
1924	903	72	80
1925	907	81	89
1926	883	79	89
1927	729	66	91
1928	711	51	72
1929	695	57	82
1930	687	46	67
1931	668	42	63
1932	666	49	73
1933	636	50	79
1934	710	45	63
1935	624	33	53
1936	641	44	69
1937	643	41	64

Comparative Table of Populations, Births, Birth-rate, Deaths, Death-rate, Infant Mortality and Infant Mortality rate of Urban and Rural Districts within the County of Glamorgan:—

DISTRICT	POPULATION.	Births.		Deaths.		Infant Mortality	
		Number.	Rate per 1000 pop	No. of Deaths.	Crude Rate per 1000 pop	Deaths under 1 Year.	Rate per Thousand Live Birth
Administrative County	714,200	10,942	15.3	9,228	12.9	714	65
Urban Districts	535,400	8,336	15.6	7,086	13.2	549	66
Rural Districts	178,800	2,606	14.6	2,142	12.0	165	63
England & Wales	—	—	14.9	—	12.4	—	58
Urban Districts.							
Aberdare	43,510	605	13.9	644	14.8	44	73
Barry	35,950	495	13.8	480	13.3	29	59
Bridgend	10,330	159	15.4	136	13.2	11	69
Caerphilly	32,560	620	19.0	446	13.7	43	69
Cowbridge	1,002	13	13.0	19	19.0	1	77
Gelligaer	37,060	675	18.2	421	11.4	26	38
Glyncorrwg	9,715	196	20.2	107	11.0	13	66
Llchwyr	25,860	375	14.5	301	11.6	26	69
Maesteg	22,660	391	17.3	284	12.5	25	64
Mountain Ash	34,070	554	16.3	490	14.4	47	85
Neath	31,760	470	14.8	405	12.7	27	57
Ogmore and Garw	24,240	368	15.2	311	12.8	35	95
Penarth	16,420	200	12.2	209	12.1	16	80
Pontypridd	39,070	637	16.3	569	14.6	44	69
Porthcawl	6,693	47	11.1	74	11.1	3	40
Port Talbot	40,300	698	17.3	489	12.1	38	54
Rhondda	124,200	1,806	14.5	1701	13.7	121	67
Rural Districts							
Cardiff	31,520	352	11.2	341	10.8	20	57
Cowbridge	10,400	159	15.3	122	11.7	10	63
Gower	10,430	141	13.5	121	11.6	7	50
Llantrisant & Llantwit Fadre	24,480	418	17.1	316	12.9	29	69
Neath	40,100	643	16.0	455	11.3	41	64
Penybont	27,640	435	15.7	346	12.5	28	64
Pontardawe	34,230	458	13.4	441	12.9	30	65

Deaths from "Principal Epidemic" Diseases.—The seven "Principal Epidemic" Diseases accounted for 7 deaths:—

Smallpox	0
Measles	2
Scarlet Fever	0
Diphtheria	3
Whooping Cough	1
Enteric Fever	0
Diarrhoea and Enteritis (under 2 years)	1
TOTAL	7

Principal Epidemic Diseases Death-rate (since 1921) for the Neath Rural District (Glam.) are shown in the following Table:—

Year.	Total Deaths.	Deaths from Zymotic Diseases.	Zymotic Diseases Death-rate.
1921	542	32	0.66
1922	491	24	0.56
1923	421	24	0.62
1924	389	13	0.32
1925	411	29	0.72
1926	327	20	0.49
1927	431	23	0.56
1928	404	16	0.38
1929	457	17	0.40
1930	436	14	0.33
1931	424	21	0.52
1932	502	20	0.49
1933	460	16	0.39
1934	448	11	0.27
1935	433	7	0.17
1936	446	12	0.29
1937	455	7	0.17

Diarrhoea and Enteritis (under two years) Death-rates per 1,000 Births (since 1921) for the Neath Rural District (Glam.) are shown in the following Table:—

Year.	Total Births.	Deaths (under 2 years) from Diarrhoea & Enteritis.	Death rate per 1,000 Births.
1921	1,373	11	8.00
1922	1,025	4	3.90
1923	935	5	5.24
1924	903	5	5.53
1925	907	8	8.82
1926	883	2	2.26
1927	729	11	15.08
1928	711	5	7.03
1929	695	6	8.63
1930	687	5	7.27
1931	668	2	2.99
1932	666	6	9.00
1933	636	2	3.14
1934	710	4	5.63
1935	624	3	4.80
1936	641	3	4.68
1937	643	1	1.55

Birth-rates, Death-rates, Analysis of Mortality, Maternal Death-rates, and Case-rates for certain Infectious Diseases in the year 1937. (England and Wales, London, 125 Great Towns and 148 Smaller Towns).

(Provisional Figures based on Weekly and Quarterly Returns).

	England and Wales.	125 County Boro's and Great Towns including London	148 Smaller Towns (Resident po- pulations 25,000 to 50,000 at 1931 Census).	London Administra- tive County.	Neath Rural District.
Rates per 1,000 Population.					
BIRTHS:—					
Live	14.9	14.9	15.3	13.3	16.0
Still	0.60	0.67	0.64	0.54	0.94
DEATHS:—					
All Causes	12.4	12.5	11.9	12.3	11.3
Typhoid and Paratyphoid Fevers	0.00	0.01	0.00	0.00	0.00
Smallpox					
Measles	0.02	0.03	0.02	0.01	0.05
Scarlet Fever	0.01	0.01	0.01	0.01	0.00
Whooping Cough	0.04	0.04	0.03	0.06	0.02
Diphtheria	0.07	0.08	0.05	0.05	0.07
Influenza	0.45	0.39	0.42	0.38	0.29
Violence	0.54	0.45	0.42	0.51	0.74
NOTIFICATIONS:—					
Smallpox	0.00		0.00		
Scarlet Fever	2.33	2.56	2.42	2.09	2.89
Diphtheria	1.49	1.81	1.38	1.93	1.24
Enteric Fever	0.05	0.06	0.04	0.05	0.02
Erysipelas	0.37	0.43	0.34	0.44	0.14
Pneumonia	1.36	1.58	1.20	1.18	1.49
Rates per 1,000 Live Births.					
Deaths under 1 year of age	58	62	55	60	64
Deaths from Diarrhoea and Enteritis under 2 years of age	5.8	7.9	3.2	12.0	1.55
MATERNAL MORTALITY:—					
Puerperal Sepsis	0.97	not available	not available	not available	1.55
Others	2.26	"	"	"	4.67
Total	3.23	"	"	"	6.22
Rates per 1,000 Total Births (i.e., Live and Still).					
MATERNAL MORTALITY:—					
Puerperal Sepsis	0.94	not available	not available	not available	1.47
Others	2.17	"	"	"	4.40
Total	3.11	"	"	"	5.87
NOTIFICATIONS:—					
Puerperal Fever	13.93	17.59	11.52	{ 4.15	{ 1.47
Puerperal Pyrexia.....				{ 14.34	{ 7.34

(h) **Mortality.**—No excessive mortality occurred in the District during the year.

(i) **Sickness and Invalidity.**—No sickness or invalidity of note occurred in the area during the year.

II.—GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

(1) **Public Health Officers of the Authority.**—Diplomas and Certificates of Medical, Nursing and Sanitary Officers of the Authority are given at the beginning of this Report.

2 (a) **Laboratory Facilities.**

The Cardiff and County Public Health Laboratory do the greatest amount of work, but in the case of emergency, advantage is taken of the proximity of the Beck Laboratory, Swansea, and specimens are then taken there.

This Department supplies the Medical Practitioners with outfits for the collection of specimens.

(b) **Ambulance Facilities.**

The Council provide an ambulance in their district for cases other than infectious diseases. Infectious cases are conveyed by the ambulances of either Port Talbot or Swansea Isolation Hospitals, according to which the case is being sent.

(c) **Nursing in the Home.**

The Council have made provision for Nursing in the Home through the various Nursing Associations in the District, whereby they can be called upon to nurse patients suffering from Pneumonia, Malaria, Dysentery, Influenza, Measles, German Measles, and Encephalitis Lethargica, who are in need of nursing assistance.

The Council makes an Annual Subscription of £10 to each of the following Associations with the exception of Skewen and Neath Abbey, which receives £20.

- (i) Resolven, Melincourt and Clyne.
- (ii) Skewen, Neath Abbey and Llandarcy.
- (iii) Bryncoch and Rhyddings.
- (iv) Glyn Neath and Cwmgwrach.
- (v) Dulais Valley.

(d) **Clinics and Treatment Centres.**

A new Centre was erected at Glynneath and was opened on September, 1937, by the Minister of Health, the Rt. Hon. Sir Kingsley Wood, P.C., M.P., who was accompanied by Sir Arthur Macnalty, the Chief Medical Officer for England and Wales, Sir John Maude, Sir William Jenkins, M.P., Sir John Rowlands, C.B., M.V.O., the Chairman of the Welsh Board of Health and Dr. T. W. Wade, the Chief Medical Officer of the Welsh Board of Health.

Two other Centres were in course of construction (and have since been opened) one at Seven Sisters and the other at Skewen. These three Centres are to take the place of the old Centres held in Chapel Vestries, etc. They are built on modern lines and are equipped accordingly and have already been regarded as model structures and visited by Medical Officers and Members of prominent South Wales Authorities. The Centres were built and equipped at the cost of £2,300 each, a 75% grant being obtained from the Commissioners for Distressed Areas.

The existing Centres and particulars regarding same are given below:—

<i>Name.</i>	<i>Situation.</i>	<i>Nature of Accommodation.</i>	<i>By whom provided.</i>
Glynneath	Infant Welfare Centre, Addoldy Road.	Pram Shelter Waiting Room Disrobing and Weighing Room. Medical Officer's Room Nurses' Room. Testing Room Kitchen Lavatories, etc., for Staff & Patients.	Neath Rural District Council.
Seven Sisters.	Infant Welfare Centre, Mary Street	do.	do.
Skewen	Infant Welfare Centre, Cefn Park	do.	do.
Resolven	Miners' Welfare Hall	Two Rooms	do.
Aberdulais	Baptist Chapel Vestry	Two Rooms	do.
Efail Fach	"Y Gangen Chapel"	One Room (<i>partitioned</i>)	do.
Onllwyn	Miners' Welfare Hall	Three Rooms	do.
Baldwin's	Club & Institute	Two Rooms	do.

The following table gives details of the attendances at each Centre during the year:—

CENTRE.	<i>Total Attendances.</i>		<i>First Year.</i>		<i>Number who attended during the year and who at the end of the year were:—</i>	
	<i>Children under One year.</i>	<i>Children One to Five years.</i>	<i>Children under One year.</i>	<i>Children One to Five years.</i>	<i>Children under One year.</i>	<i>Children One to Five years.</i>
Skewen	894	675	122	33	98	227
Seven Sisters	551	311	63	5	56	101
Pontrhydyfen	337	208	39	5	31	74
Aberdulais	685	523	58	12	50	103
Resolven	676	466	69	6	55	109
Glyn Neath	1103	632	123	16	91	176
Baldwin's	99	67	14	2	13	24
Onllwyn	325	298	44	1	42	62
TOTALS	4,670	3,180	532	80	436	876

The number of notifications of live births received from Medical Practitioners and Midwives during the year amounted to 634. This figure read in conjunction with the number of first visits of children under one year (see table above) shows that 83.9% of the babies born were brought to the clinics. These figures show the appreciation of the mothers of the facilities offered through our Infant Welfare Centres.

Ante-Natal Centre.

Weekly sessions were held each Friday at the Health Department, Orchard Street, Neath. Attendances during the year were as follows:—

Total number of expectant mothers who attended during the year 144

Total number of attendances by expectant mothers during the year 388

The number of cases admitted to Penrhiewtyn Hospital through the Department during the year, was as follows:—

Complicated cases of pregnancy	35
Home conditions unsuitable for confinement	28
Puerperal Fever	1
Puerperal Pyrexia	0
	—
TOTAL	64
	—

Ante-natal work has increased so much, that it justifies the appointment of an experienced Medical Officer who has held a residential obstetric and gynaecological appointment. This matter by the way is at present receiving the attention of the Council.

Other Facilities under Maternity and Child Welfare Schemes.

Arrangements are in existence for the treatment of tonsils and adenoids, dental and ophthalmic cases, by the appropriate officers of the Glamorgan County Council, a scale of charges being fixed between the two authorities.

The number of cases treated during the year was as follows:—

Tonsils and Adenoids	17
Eye Treatment	4
Dental Treatment:	
(a) Expectant Mothers	53
(b) Children	29

Cod-Liver Oil.

Cod-liver Oil is prescribed in all cases needing this article and where the parents themselves cannot afford to purchase it, the supply being granted free under the Council's scheme.

During the year under review, cod-liver oil was provided in 115 cases, the total number of bottles supplied amounting to 292, the cost of which at 1/6 per bottle being £21. 18. 0.

Assisted Milk Scheme.

Under this scheme both fresh and dried milk are supplied under the following circumstances:—

- (1) One pint of milk per day to expectant mothers in the last three months of pregnancy.
- (2) One pint of milk per day to nursing mothers for a period of nine months when they are actually sucking their children.
- (3) One pint of milk per day to babes (if not breast fed) and infants up to the age of five years, except in such instances where there is more than one child between the ages of three and five year, unless they be twins, when only one pint of milk is provided between them,—where the family income comes within the following scale:—

<i>Number in Family.</i>	<i>Scale of Income after deducting Rent.</i>
1	13/- per head.
2	10/6 „ „
3	8/6 „ „
4	7/6 „ „
5	7/- „ „
6 and over.	6/6 „ „

The number of applications granted monthly in respect of fresh milk during 1937, was as follows:—

	<i>Expectant Mothers.</i>	<i>Nursing Mothers.</i>	<i>Children.</i>	<i>Total.</i>	<i>Cost.</i>		
					£	s.	d.
January	19	51	434	504	176	9	9
February	14	62	412	488	166	3	0
March	16	55	399	470	179	1	3
April	14	45	411	470	164	12	9
May	12	45	354	411	158	2	9
June	14	40	356	410	150	3	9
July	15	42	313	370	140	12	9
August	18	36	294	348	132	11	6
September	15	45	290	350	127	13	6
October	19	37	302	358	130	0	3
November	14	36	291	341	126	12	9
December	17	36	292	345	125	18	9

The total cost of fresh milk supplied during the year under review was £1,778. 2. 9.

In such cases where it is requested dried milk is supplied instead of fresh milk.

The number of applicants granted monthly during 1937 was as follows:—

	<i>No. of Children supplied.</i>	<i>No. of Packets supplied.</i>	<i>Cost</i>		
			£	s.	d.
January	26	103	8	11	8
February	34	125	10	8	4
March	37	140	11	13	4
April	30	115	9	11	8
May	24	92	7	13	4
June	23	85	7	1	8
July	39	151	12	11	8
August					
September	22	88	7	6	8
October	24	95	7	18	4
November	22	85	7	1	8
December	29	110	9	3	4

The total cost of this dried milk supplied during the year amounted to £99 1 8.

(c) **Hospitals.**

All maternity cases that have been brought to the notice of the Medical Officer and which require institutional treatment, are admitted to Penrhiwtyn Hospital, Neath, by arrangement with the Glamorgan County Council. The Council have also made arrangements with the Borough of Port Talbot for the admission of infectious disease cases, to their infectious diseases Hospital. There is also an arrangement with the Swansea Corporation, when it is impossible to obtain admission to Port Talbot Isolation Hospital.

The Neath Joint Hospital for Infectious Diseases is now being erected. The Administrative Block and all the Wards are now under roof and it is presumed that this new Hospital will be opened during the early part of 1939.

3 (a) Midwifery and Maternity Services:—

During the course of the year, the local supervising authority, namely, the Glamorgan County Council, put their scheme, as required of them under the Midwives Act, 1936, into operation, whereby the various areas in your District were provided for by way of a qualified midwife. The midwives of the Glamorgan County Council and the Health Visitors of your area co-operate in their duties with the result that the practising midwives make full use of the ante-natal Centre provided by the Council.

(b) **Institutional Provision for Mothers or Children.**

The Council have not any Institutional Provision for mothers except that arrangements exist for the admission to Penrhiwtyn Hospital of expectant mothers suffering from diseases or complications of pregnancy or in such cases where their home conditions are unsuitable for confinement. The Cottage Homes, Bryncoch, which is for the reception of children, is provided by the Glamorgan County Council.

(c) **Health Visitors.**

There has been no change or development under this heading. The following is a summary of the work done by the Health Visitors during the year:—

Visits to Expectant Mothers:—

First Visits, 299. Total Visits, 444.

Visits to Children under 1 Years of Age:—

First Visits, 655. Total Visits, 1,998.

Visits to Children, 1 to 5 years:—

Total Visits, 2,728.

Visits to investigate Still-births	44
Visits to Cases of Ophthalmia Neonatorum	16
Visits to Tubercular Cases	156
Miscellaneous Visits	164

TOTAL VISITS 5,550

The number of births notified to the Department during the year was as follows:—

Live Births	634
Still-births	36
TOTAL	670

The births were notified by:—

Midwives	644
Doctors and Parents	26
TOTAL	670

(d) **Infant Life Protection:—**

No new case was brought to the notice of your Medical Officer during the year, for registration under Infant Life Protection, and only one foster-parent's name and one foster-child's name were on the Register at the end of the year.

(e) **Orthopaedic Treatment.**

During the year 5 new cases were referred to the Orthopaedic Surgeon of the Glamorgan County Council, and in two of these cases the necessary appliances were provided.

III.—SANITARY CIRCUMSTANCES OF THE AREA.

(1) **Water.**

The main water supply of your area is the Ystradfellte Water Scheme. The other two sources of supply are the Llynfawr Reservoir which belongs to the Rhondda Urban District Council and which supplies 262 houses in the upper part of the Parish of Rhigos, and the private supply of Mr. D. M. Evans-Bevan, in the Dulais Valley which supplies 195 houses.

RAINFALL:—

The following monthly rainfall was recorded at Ystradfellte Reservoir during 1937—

January	13.94	inches.
February	11.24	„
March	4.07	„
April	5.35	„
May	2.00	„
June	3.32	„
July	4.48	„
August	1.70	„
September	3.25	„
October	3.79	„
November	3.66	„
December	4.52	„
TOTAL	61.32	„

Extension of Mains :

The following are the most important water main extensions carried out during the year, 1937:—

Parish of Blaenhonddan—3" main to Council Houses at Cilfrew. Length, 114 yards.

Parish of Neath Higher.—3" main along new road above Robert St., Glynneath. 220 yds.
3" main at Cemetery Road, Glynneath. Length, 450 yds.

Parish of Dyffryn Glydach—3" main at Longford Drive, Neath Abbey. Length, 60 yards.

Parish of Blaengwrach—3" main to Council Houses at Empire Avenue, Cwmgwrach. 20 yds.

Parish of Tonna—3" main to Isolation Hospital, Tonna. Length 63 yards.

Parish of Coedffranc—3" main to Council Houses at Cwrtyclafdy, Skewen. Length, 451 yds.
3" main at Serocold Road, Skewen. Length, 32 yards.

Parish of Resolven.—3" main at Herbert Road, Resolven. Length, 46 yards.

Parish of Michaelstone Higher.—3" main at Pontrhydyfen (due to road widening). Length 70 yds.

The following are results of water analysis during the year:—

No.	Source.	Bacteriological Examination.	Chemical Examination.
1	Blaencleirch Brook, Cwmgwrach	Satisfactory.	Satisfactory.
2	1, Bungalow, Banwen	Fairly satisfactory.	
3	2, Bungalow, Banwen	Fairly satisfactory	Moderate purity
4	3, Finglas, Banwen.	Satisfactory	No evidence of contamination.
5	Spring, Pit Cottage, Bryncoch	Moderate purity	No evidence of contamination
6	Tap, Hirwain	Satisfactory	No evidence of contamination.
7	Spring, Tonmawr	Satisfactory	No evidence of contamination.
8	The Square Cafe, Crynant.	Satisfactory	No evidence of contamination
9	Blaencleirch Brook, Cwmgwrach	Contaminated.	Doubtful purity.
10	Stream, Llwifron, Crynant.	Satisfactory	No evidence of contamination.
11	Council Houses, Banwen	Moderate purity	Moderate purity.
12	Tap, Graig Park, Neath Abbey	Fairly satisfactory	Fairly Satisfactory
13	Tap, Park Avenue, Lonlas, Skewen	Satisfactory	Satisfactory
14	Pit Cottage, Bryncoch	Doubtful purity	Doubtful purity
15	Spring, Cwmboyle, Cwmgwrach	Moderate purity	No evidence of contamination
16	Tap, Seven Sisters	Fairly satisfactory	Satisfactory
17	Tap, Skewen	Moderate purity	No evidence of contamination.

The following table gives the various sources of water-supply together with the number of houses served served by each supply, in each District, Valley, Parish and Ward:—

District (and Parishes)	Ystrad-fellte Water Scheme	Llyn-fawr Reservoir	Mr. Bevan's Private Reservoir	Neath Borough Reservoir.	Springs Wells, etc.	Without Water Supply	Total
DULAIS VALLEY—							
Dulais { Crynant Ward	315	0	0	0	20	0	335
Higher { Seven Sisters Ward	374	0	195	0	23	0	592
{ Onllwyn Ward	470	0	0	0	7	0	477
Dulais Lower	273	0	0	0	41	0	314
							1,718
NEATH VALLEY—(Non-Tidal Portion)							
Rhigos	78	262	0	0	24	0	364
Neath Higher	1057	0	0	0	66	2	1125
Blaengwrach	172	0	0	0	22	0	194
Resolven { Resolven Ward	661	0	0	0	20	1	682
{ Cwmgwrach Ward	232	0	0	0	4	1	237
Neath Lower	99	0	0	0	14	0	113
Clyne	221	0	0	0	9	0	230
							2,945
NEATH VALLEY—(Tidal Portion)							
Tonna	361	0	0	4	48	0	413
Blaenhonddan	983	0	0	0	45	0	1028
Dyffryn Clydach	491	0	0	0	33	1	525
Coedffranc	2411	0	0	0	17	0	2428
							4,394
AFAN VALLEY—							
Baglan Higher	94	0	0	0	5	0	99
Michaelstone Higher	261	0	0	0	19	0	280
							379
Totals	8,553	262	195	4	417	5	9,436

(2) **Drainage and Sewerage.**—The following works of sewerage were carried out during 1937:—

Coedffranc.—Cwrtyclafdy. Council Housing Site. —440 yds. 9" diam. sewer.
438 yds. 6" diam. sewer.
22 Manholes.

Dynevor Place, Skewen. 45 yds. 9" diam. sewer.

Blaenhonddan.—Council Housing Sites (Bryncoch & Cilfrew)—122 yds. 9" diam. sewer.
593 yds. 6" diam. sewer.
14 Manholes.

Bryncoch : 72 yds. 6" diam. sewer.
1 Manhole.

Dulais Higher.—Seven Sisters— 270 yds. 9" dia. sewer.
4 Manholes.
Onllwyn : 160 yds. 6" dia. sewer.
3 Manholes.

Neath Higher.—Glynneath. : 150 yds. 9" dia. sewer.
2 Manholes.

Blaengwrach.—Council Housing Sites : 78 yds. 9" dia. sewer.
45 yds. 6" dia. sewer.
4 Manholes.
Pontwalby : 72 yds. 6" dia. sewer.
2 Manholes.

Public Conveniences.—1. Reconstructed at Cardonnel Road, Skewen.

(3) **Rivers and Streams.**—During the year under review the Vaynor & Penderyn Rural District Council started the work of sewerage that portion of Pontneathvaughan in the Parish of Ystradfellte. When the work is completed the nuisance which hitherto existed will be abated.

Pollution of rivers by coal-dust still continues and until steps are taken to prevent the big companies from doing this, the small house-holder cannot be treated differently from the coal-owners, when he, the householder, throws ashes, etc., into a river or stream, as the amount the householder will deposit in the river is infinitesimal in comparison with the amount discharged into the rivers by the Colliery Companies. In pointing this out I do not justify the action of the householder when he throws his bucket of ashes into the river and every effort is being made to prevent this practice.

The following are the results of analyses of sewage and sewage effluents taken during 1937:—

Results are stated in parts per 100,000.

<i>Date Collected</i>	<i>Description of Sample</i>	<i>Organic Suspended Matter</i>	<i>Organic Ammonia</i>	<i>Putrescibility</i>	<i>Dissolved Oxygen Consumed</i>	<i>Nitrogen as Nitrates</i>	<i>Remarks</i>
4/1/37	Crude Sewage, Crynant	Considerable amount	—	—	—	—	—
4/1/37	Effluent, Crynant	Trace only	.02	Nil.	—	Nil.	Good.
4/1/37	Crude Sewage, Resolven	Large amount	—	—	—	—	—
4/1/37	Effluent, Resolven	Considerable amount	.50	.70	14.40	.42	Unsatisfactory.
4/1/37	Crude Sewage, Glynneath	Large amount	—	—	—	—	—
4/1/37	Effluent, Glynneath	Small amount	.52	.18	8.20	.48	Moderate.
9/2/37	Crude Sewage, Crynant	Moderate amount	—	—	—	—	—
9/2/37	Effluent, Crynant	Trace only	.03	Nil	1.78	.30	Good.
9/2/37	Crude Sewage, Resolven	Large amount	—	—	—	—	—
9/2/37	Effluent, Resolven	Fair amount	.30	.40	10.8	.26	Unsatisfactory
9/2/37	Crude Sewage, Glynneath	Considerable amount	—	—	—	—	—
9/2/37	Effluent, Glynneath	Small amount	.30	.20	5.10	.38	Moderate.
8/3/37	Crude Sewage, Glynneath	Large amount	—	—	—	—	—
8/3/37	Effluent, Glynneath	Appreciable amount	.34	.66	8.60	1.30	Unsatisfactory
8/3/37	Crude Sewage, Resolven	Large amount	—	—	—	—	—
8/3/37	Effluent, Resolven	Small amount	.36	.34	5.40	2.10	Unsatisfactory
11/4/37	Crude Sewage, Glynneath	Large amount	—	—	—	—	—
11/4/37	Effluent, Glynneath	Fair amount - 7.6	.40	.70	10.4	.04	Unsatisfactory
11/4/37	Crude Sewage, Resolven	Large amount	—	—	—	—	—
11/4/37	Effluent, Resolven	consid. amt—20.2	.76	.30	9.80	.04	Unsatisfactory
11/4/37	Crude Sewage, Crynant	Moderate amount	—	—	—	—	—
11/4/37	Effluent, Crynant	Trace only	.02	Nil	.48	Practically nil.	Good.
18/5/37	Crude Sewage, Resolven	Large amount	—	—	—	—	—
18/5/37	Effluent, Resolven	considerable amt-6.6	.45	.10	6.10	1.16	Moderate.
18/5/37	Crude Sewage, Glynneath	Considerable amount	—	—	—	—	—
18/5/37	Effluent, Glynneath	Fair amount-9.8	.48	.06	6.00	.90	Moderate
31/5/37	Crude Sewage, Crynant	Considerable amount	—	—	—	—	—
31/5/37	Effluent, Crynant	Trace only	.09	Nil.	1.12	.55	Good.
29/6/37	Crude Sewage, Resolven	Considerable amount	—	—	—	—	—
29/6/37	Effluent, Resolven	Appreciable amt.-3.6	.48	—	12.0	1.0	Moderate
29/6/37	Crude Sewage, Glynneath	Large amount	—	—	—	—	—
29/6/37	Effluent, Glynneath	Appreciable amt-5.0	.60	.50	6.10	Trace.	Moderate.
29/6/37	Crude Sewage, Crynant	Considerable amount	—	—	—	—	—
29/6/37	Effluent, Crynant	Trace only	.05	Nil	.64	.98	Good.
19/7/37	Crude Sewage, Glynneath	—	—	—	—	—	—
19/7/37	Effluent, Glynneath	5.8	.29	Nil	2.40	.82	Good.
19/7/37	Crude Sewage, Resolven	Considerable amount	—	—	—	—	—
19/7/37	Effluent, Resolven	13.6	.60	.12	5.30	.92	Unsatisfactory
28/7/37	Crude Sewage, Crynant	Appreciable amount	—	—	—	—	—
28/7/37	Effluent, Crynant	Small amount	.07	Nil.	.40	.52	Good.
1/10/37	Crude Sewage, Glynneath	Considerable amount	—	—	—	—	—
1/10/37	Effluent, Glynneath	Small amount	.36	.64	5.80	Trace	Unsatisfactory
1/10/37	Crude Sewage, Resolven	Considerable amount	—	—	—	—	—
1/10/37	Effluent, Resolven	6.8	.34	Nil	4.50	1.50	Moderate.
29/10/37	Crude Sewage, Crynant.	Moderate amount	—	—	—	—	—
29/10/37	Effluent, Crynant	Trace only	.04	Nil	.80	.86	Good.
1/11/37	Crude Sewage, Glynneath	Large amount	—	—	—	—	—
1/11/37	Effluent, Glynneath	Small amount	.33	.86	5.60	Practically nil	Unsatisfactory
1/11/37	Crude Sewage, Resolven	Considerable amount	—	—	—	—	—
1/11/37	Effluent, Resolven	Small amount	.27	.30	3.80	.23	Moderate.
8/12/37	Crude Sewage, Crynant	Moderate amount	—	—	—	—	—
8/12/37	Effluent, Crynant	Trace only	.03	Nil	.56	.92	Good.
15/12/37	Crude Sewage, Glynneath	Considerable amount	—	—	—	—	—
15/12/37	Effluent, Glynneath	Small amount	.23	.32	5.60	.07	Moderate
22/12/37	Crude Sewage, Resolven	Large amount	—	—	—	—	—
22/12/37	Effluent, Resolven	Small amount	.35	Nil	6.20	1.12	Moderate.

The results of Trade Effluents are as follows:—

Tin-Plate Effluents.

Results are stated in parts per 100,000.

<i>Date Collected</i>	<i>Effluent.</i>	<i>River discharged into.</i>	<i>Acidity Free Sulphuric.</i>	<i>Sulphate.</i>
5th May.	Aberdulais.	Neath.	137.0	482.6
18th June.	Aberdulais	Neath.	58.8	175.0
28th July	Aberdulais	Neath.	318.5	465.5
1st November	Aberdualis	Neath.	4.9	64.0

Analyses of River Waters.

Results are stated in parts per 100,000.

<i>No.</i>	<i>Date Collected</i>	<i>Description.</i>	<i>Suspended Matter.</i>	<i>Dissolved Oxygen present.</i>	<i>Organic Ammonia</i>	<i>Putrescibility</i>	<i>Dissolved Oxygen consumed</i>
1	18/2/37	River Neath at Glynneath	Practically Nil	1.02	.008	Nil.	.09
2	18/2/37	Rr. Neath below Resolven	Small amount	1.02	.007	Nil.	.09
3	18/2/37	Rr. Neath at Aberdulais	Practically Nil	1.02	.007	Nil.	.09
4	4/8/37	Rr. Neath at Glynneath	Trace only	.98	.0080	Nil.	.05
5	4/8/37	Rr. Neath below Resolven	Trace only	.92	.0140	Nil.	.09
6	4/8/37	Rr. Neath at Aberdulais	Trace only	.82	.0130	Nil.	.09
7	15/12/37	Rr. Neath at Glynneath	Practically Nil	1.28	.0140	Nil.	.15
8	15/12/37	Rr. Neath below Resolven	Appreciable amount	1.13	.014	Nil.	.07
9	15/12/37	Rr. Neath at Aberdulais	Small amount	1.10	.014	Nil.	.05

Nos. 1 and 3. Satisfactory.

No.2. Fairly Satisfactory.

No. 4, 5, 6. Satisfactory quality and well saturated with dissolved oxygen.

Nos. 7 and 9. Satisfactory and well saturated with dissolved oxygen.

No. 8. Fairly good and well saturated with dissolved oxygen.

(4) **Closet Accommodation.**—The number of conversions to the water-carriage system during recent years is given in the table below, in Parish Order:—

PARISH.	1920-9	1930	1931	1932	1933	1934	1935	1936	1937
Dulais Valley—									
Dulais Higher { Onllwyn Ward	68	0	0	11	182	13	1	2	3
Seven Sisters Ward	0	0	0	6	37	10	4	2	0
Crynant Ward	0	0	0	56	182	13	5	4	0
Dulais Lower	66	3	0	2	49	0	0	0	0
Non-Tidal Portion of Neath Valley—									
Rhigos	54	0	0	0	0	1	0	0	0
Neath Higher	160	2	0	0	37	2	10	22	2
Blaengwrach	28	0	0	0	0	0	0	5	0
Resolven—Resolven Ward	1	0	4	0	0	2	0	0	0
„ Cwmgwrach Ward	0	0	0	1	0	0	0	0	0
Neath Lower	0	0	0	0	0	0	0	0	0
Clyne	0	0	0	0	0	0	0	0	0
Tidal Portion of Valley—									
Tonna	206	0	26	2	3	0	0	0	0
Blaenhonddan	270	2	209	50	10	4	0	2	3
Dyffryn Clydach	1	0	0	0	0	0	0	0	0
Coedffranc	130	5	4	2	1	2	3	2	0
Afan Valley—									
Baglan Higher	0	0	0	0	0	0	0	0	0
Michaelstone Higher	209	4	3	0	0	0	0	0	0
TOTALS	1193	16	246	130	501	57	23	39	8

The following table gives at a glance the position of each Parish as to the nature of its sanitary circumstances.

PARISH	Struct'ral Separate Dw'lings	Water Carriage System to Sewer	Water Carriage System to Cesspool & disused Pits	Water Carriage System to Rivers & Streams	Slop Water System only to Cesspool & Water course	Houses without Drains	Pails	Privies	Houses without Closet accom- modation
DUMAIS VALLEY									
Dulais { Crynant Ward	335	309	4	0	10	12	15	7	0
Higher { Seven Sisters Ward	592	565	2	0	12	13	20	4	1
Onllwyn Ward	477	464	2	0	8	3	10	1	0
Dulais Lower	314	269	7	0	23	15	31	7	0
Total	1718	1607	15	0	53	43	76	19	1
NON-TIDAL PORTION OF NEATH VALLEY									
Rhigos	364	70	18	1	201	74	244	24	7
Neath Higher	1125	938	21	3	114	49	139	24	0
Blaengwrach	194	126	3	0	35	30	63	1	1
Resolven { Resolven Ward	682	631	6	0	34	11	43	2	0
Cwmgwrach Ward	237	218	0	0	12	7	18	0	1
Neath Lower	113	0	10	0	92	11	96	7	0
Clyne	230	0	10	1	218	1	171	48	0
Total	2945	1983	68	5	706	183	774	106	9
TIDAL PORTION OF NEATH VALLEY—									
Tonna	43	347	15	1	22	28	43	5	2
Blaenhonddan	1028	880	38	0	84	26	85	20	5
Dyffryn Clydach	525	415	24	0	48	38	50	30	6
Coedffranc	2428	2350	18	0	37	23	53	7	0
Total	4394	3992	95	1	191	115	231	62	13
AFAN VALLEY—									
Baglan Higher	99	0	2	0	80	17	80	17	0
Michaelstone Higher	280	226	7	0	44	3	43	2	2
Total	379	226	9	0	124	20	123	19	2
Grand Total	9436	7808	187	6	1074	361	1204	206	25

(5) Public Cleansing.—

Scavenging in your area is chargeable to each Parish, and in consequence the contract system is in vogue except in the Parish of Coedffranc, where this important work is done by direct labour.

The scavenging of the latter Parish is very effectively carried out by covered motor vehicle and the dump is well kept.

The contract system is far from being the ideal system, inasmuch as when contracts are given out, almost invariably the lowest tender is accepted, and the standard of a large number of contractors is not uniform, one Contractor doing the Scavenging in a better manner than another, but speaking generally there has been an improvement in this direction recently and covered carts are used for collection.

Furthermore the method employed for the disposal of the collected refuse is far from satisfactory and can only be described as 'uncontrolled tipping'. The refuse dumps for the most part are untidy and insanitary and are perfect breeding grounds for rats.

Until such time as the Council decide to do all Scavenging of the area by direct labour and employ persons to control the tipping and covering over of the refuse dumps, scavenging of the district cannot be of that standard which can be regarded as desirable.

(6) Sanitary Inspection of the Area.

(a) The number and nature of inspections made during the year are given below:—

Nature of Visits.	No.	Nature of Visits.	No.
<i>Re</i> Cases of Infectious Diseases	271	To Provision, Butchers, Fish and	
General District Inspection	2103	Fruit, and Ice-Cream Shops	2434
To Factories	42	„ Scavenging Dumps	310
„ Common Lodging Houses	12	„ Slaughter Houses	633
„ Workshops and Bakehouses	158	„ Public Houses	284
„ Picture Halls	40	„ Urinals	357
„ Barber Shops	133	„ Visits to Owners <i>re</i> Notices	73
„ Dairies, Cowsheds & Milkshops	487	<i>Re</i> Rates & Mice	60
„ Stables	310		
„ Piggeries	336		
		TOTAL	8043

Nature of Defects.		No. of Defects.
Dwellings	Defective walls, floors, troughing, ventilation, lighting, etc.	195
	Pantries	4
	Want of Cleanliness	28
	Dampness	36
Drains	New Drains	19
	Defective traps, gullies, etc.	24
	Choked or foul drains	30
Yards	Defective and Unpaved.	27
	Neglect of Cleanliness	15
	Other nuisances in yards	6
Closets	New Pail Closets	7
	Disrepair	23
	New Pails Provided	10
	Neglect of Cleanliness	6
	Conversion of Privies into Pail Closets.	0

Water-Closets	Conversion of Privies and Pail Closets to Water Closets	8
	Defective Structure and Fittings	22
	New Pans provided	14
	Choked or Foul	16
	New Flushing Arrangements	13
	Repair of Flushing Arrangements	30
	Provision of New ones	11
Wash-ups	Provision of new Wash-ups	4
	Defective traps, connections, etc.	4
Baths	Defective traps, connections, etc.	2
Cesspools,	Foul or defective	9
Vent-Shafts	New ones provided	8
	Defective Shafts repaired	20
Stables, Cowsheds and Piggeries, etc.—Defective Structure		7
	To remove manure	22
Factories, Workshops and Bakehouses		8
Provision, Butcher, Fish and Fruit, Dairies, Milk-shops, and Ice-cream Shops.		4
Barber Shops		2
Picture Halls		2
Rats and Mice		12
Urinals		10
Refuse Removal		127
TOTAL		685

(b) **Number of Notices served.**—

(1) Informal	288
(2) Statutory	5
TOTAL	293

(c) Result of the Service of above Notices:—Informal Notices complied with	268
(2) Statutory Notices complied with.	3
Total	271

(7) **Shops.**—Shops are regularly inspected by the Sanitary Inspectors. In one instance it was found necessary to call upon the owners to provide sanitary conveniences.

(8) **Smoke Abatement.**—Nuisances caused by grit issuing from the Glynneath Power Station and also from the screens of the various collieries in the Neath and Dulais Valleys, continue, and in spite of the measures taken by the Council, by way of meeting the various Officials of the Companies concerned and attempts on the part of the Companies in question to abate the nuisance it cannot be stated that improvement, if any, has taken place.

However, the Council are still persuing the matter in order to bring about the necessary improvement, so that the nuisance may be reduced to a minimum.

(9) **Swimming Baths and Pools.**—See “Social Conditions” at beginning of Report.

(10) **Eradication of Bed-bugs.**—During the latter half of the year under review disinfestation of the home and furniture therein of persons being removed from the Slum Property to Council Houses was commenced, the method used being spraying with a liquid known as Zaldecide. During this period 41 houses and the effects therein were disinfested.

(11) **Schools.**—The sanitary conditions and water supply of Schools within the District are as follows:—

<i>School.</i>	<i>Source of Water.</i>	<i>Closet Accommodation.</i>
Aberdulais—Mixed	Ystradfellte Water Supply	Water carriage system to Sewer.
Aberdulais—Infants	do.	do.
Blaengwrach—Mixed	do.	do.
Blaengwrach—Infants	do.	do.
Bryncoch—Mixed	do.	do.
Bryncoch—Infants	do.	do.
Bryncoch (Non-provided)—Mixed & Infants	do.	do.
Cadoxton—Junior	do.	do.
Cadoxton—Senior	do.	do.
Gilfrew—Junior	do.	do.
Coedffranc—Boys	do.	do.
Coedffranc—Girls	do.	do.
Coedffranc—Infants	do.	do.
Skewen Lower—Boys	do.	do.
Skewen Lower—Girls	do.	do.
Clyne—Mixed	do.	Water-carriage system to Cesspool
Clyne—Infants	do.	do.
Crynant—Mixed	do.	Water-carriage system to Sewer.
Crynant—Infants	do.	do.
Glyn Neath—Boys	do.	do.
Glyn Neath—Girls	do.	do.
Glyn Neath—Infants	do.	do.
Jersey Marine—Mixed	do.	do.
Jersey Marine—Infants	do.	do.
Maesmarchog—Mixed	do.	do.
Maesmarchog—Infants	do.	do.
Neath Abbey—Infants	do.	do.
Onllwyn—Mixed	do.	do.
Onllwyn—Infants	do.	do.
Resolven—Boys	do.	do.
Resolven—Girls	do.	do.
Resolven—Infants	do.	do.
Rhigos—Mixed	Llynfawr Reservoir	Pail Closet.
Rhigos—Infants	do.	do.
Seven Sisters—Boys	Ystradfellte Water Supply	Water carriage system to Sewer.
Seven Sisters—Girls	do.	do.
Seven Sisters—Infants	do.	do.
Tonna—Mixed	do.	do.
Tonna—Infants	do.	do.
Tonmawr—Mixed	do.	Pail Closet.
Tonmawr—Infants	do.	do.

IV.—HOUSING.

(1) **Housing Schemes of Council.**

(a) Number of Houses completed and occupied during the year 111

(2) **By Other Bodies of Persons.**

(a) Number of houses completed and occuied during the year 180

(3) **Inspection of Dwelling-Houses during the year.**

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) 321

(b) Number of inspections made for the purpose 619

(2) (a) Number of dwelling-houses (including under sub-head (1) above, which were inspected and recorded under the Housing Consolidated Regulations, 1925 172

(b) Number of inspections made for the purpose 356

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 71

(4) Number of dwelling-houses (exclusive of those referred to under the preceeding sub-head) found not to be in all respects reasonably fit for human habitation 101

(4) **Remedy of Defects during the year without service of formal notices:—**

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authorities or their Officers 98

(5) **Action under Statutory Powers during the year.**

A.—Proceedings under Section 9, 10 and 16 of the Housing Act, 1936:—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs 5

(2) Number of dwelling-houses which were rendered fit after service of formal notices:—

(a) By owners 3

(b) By Local Authority in default of owners. 0

B.—Proceedings under Public Health Acts—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied: 0

(2) Number of dwelling-houses in which defects were remedied after service of formal notices:—

(a) By Owners. 0

(b) By Local Authority in default of owners..... 0

C.—Proceedings in Sections 11 and 13 of the Housing Act, 1931:—

(1) Number of dwelling-houses in respect of which Demolition Orders were made 0

(2) Number of dwelling-houses demolished in persuance of Demolition Orders 2

D.—Proceedings under Section 12 of the Housing Act, 1936:—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made 0

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit. 0

(6) **Housing Act, 1936, Part IV.—Overcrowding.**

(a) (i)	Number of houses overcrowded at end of year	605
(ii)	Number of families in these houses	1006
(iii)	Number of overcrowded families	623
(iv)	Number of persons in overcrowded families	3694
(b)	Number of new cases of overcrowding discovered during the year.	64
(c) (i)	Number of cases of overcrowding relieved during the year	96
(ii)	Number of persons concerned in such cases	435
(d)	Particulars of any cases in which dwelling-houses have again become over-crowded after the Local Authority have taken steps for the abatement of overcrowding	0
(e)	Any other particulars:—	

It will be noted in heading (c) *i* above that overcrowding has been relieved in 96 cases. These are made up as follows:—

(a)	Relieved by the Council	6
(b)	Relieved through families adjusting themselves	90

The following Table gives details of overcrowding in the area, in Parish and Ward order, on the 31st December, 1937:—

PARISH	No. of cases of Overcrowding on Dec. 31st, 1936	No. of new cases year ending Dec. 31st, 1937	No. of cases which became uncrowded during 1937	No. of cases of Overcrowding relieved by the Council	Total No. of cases of Overcrowding on Dec. 31st, 1937	Estimated No. of houses required to abate the over-crowding
Baglan Higher	9	1	—	—	10	8
Blaengwrach	16	1	—	—	17	9
Blaenhonddan	56	4	4	—	56	31
Clyne	20	2	1	—	21	14
Coedffranc	108	21	34	6	89	76
Dyffryn Clydach	34	2	1	—	35	23
Onllwyn Ward	87	2	17	—	72	50
Seven Sisters Ward	53	11	15	—	49	39
Crynant Ward	19	2	—	—	19	14
Dulais Lower	8	1	—	—	9	5
Michaelstone Higher	19	—	1	—	18	12
Neath Higher	75	5	14	—	66	42
Neath Lower	6	—	—	—	6	5
Resolven						
Resolven Ward	77	9	—	—	86	43
Cwmgwrach	16	—	—	—	16	9
Rhigos	32	—	1	—	31	23
Tonna	20	3	—	—	23	14
TOTAL	655	64	90	6	623	417

V.—INSPECTION AND SUPERVISION OF FOOD.

(a) **Milk Supply.**—Farms, dairies, etc., have been inspected during the year and the provisions of the Milk and Dairies Order, 1926, and the Milk (Special Designations) Order, 1936, have been administered. During the year, 487 visits were made to farms and dairies.

There are 153 registered milk producers in the District. In addition there are 45 registered milk vendors who are retailers only.

There is only one producer of Grade A (T.T.) milk in your District. Samples of milk were taken from this source during the months of June, August, October and December, and were in each case of the standard required.

There are in your area also three producers of Accredited Milk.

(b) **Meat and Other Foods.**—There are six private slaughterhouses within your area namely, Court Herbert, Seven Sisters, Crynant, Glynneath, Cwmgwrach, and Resolven.

The following number of Cattle, etc., were slaughtered and examined during the year:—

SLAUGHTERHOUSE.	CATTLE.		SHEEP & LAMBS		PIGS.		CALVES.	
	Sl.	Ex.	Sl.	Ex.	Sl.	Ex.	Sl.	Ex.
Court Herbert	2,133	1,999	15,865	15,596	11,676	11,486	7,781	7,611
Seven Sisters	36	36	386	350	98	88	66	61
Crynant	7	7	210	197	79	74	62	58
Glynneath	49	49	977	854	198	198	58	58
Resolven	12	12	255	192	85	85	10	9
Cwmgwrach	2	2	173	168	43	43	18	18
TOTALS	2,239	2,105	17,866	17,357	12,179	11,974	7,995	7,815

The following were surrendered at the various slaughterhouses:—

Carcases:—

Cattle.		Pigs.		Sheep & Lambs	Calves.	
T.B.	Other Causes.	T.B.	Other Causes.	Other Causes.	T.B.	Other Causes.
8	15	21	10	26	0	22

Heads:—

Cattle.		Pigs.	
T.B.	Other Causes.	T.B.	Other Causes.
90	26	202	0

Livers and Lungs:—Approximately 1,660 lbs.

The following were surrendered at various Shops:—41 lbs. Cooked Ham, 6 lbs. Jellied Veal.

(c) **Chemical and Bacteriological Examination of Food:**—These examinations are carried out either at the Beck Laboratory, Swansea, or the Cardiff and County Public Health Laboratory, Cardiff.

(d) **Shell-fish:**—There are no shell-fish beds or layings in the district.

VI.—PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

(1) Scarlet Fever and Diphtheria accounted for most of the infectious diseases notified during the year. With regard to Scarlet Fever, a great number of the cases occurred in Dulais Higher, and with regard to Diphtheria practically all the cases occurred in the lower portion of your area, *i.e.*, in the Parishes of Coedffranc, Blaenhonddan, Dyffryn Clydach and Tonna. There were three deaths from Diphtheria, one of which died in Hospital.

Facilities are offered for artificial immunisation against Diphtheria to all those who apply for same. Diphtheria Antitoxin is supplied to medical practitioners free of charge., upon application to the Department. Outfits are also provided for the taking of swabs, sputum, bloods, etc.

The following table shows the results of examinations of specimens sent to the two laboratories during the years:—

Nature of Specimen.	Number Sent.	Results.	
		Positive.	Negative.
Swabs ? Diphtheria	136	33	103
Sputum ? T.B.	13	1	12
Fluid ? T.B.	1	0	1
Pus. ? T.B.	1	0	1
Blood ? Enteric	1	0	1
TOTAL	152	34	118

(a) **Smallpox.**—No case occurred during the year.

(b) **Scarlet Fever.**—116 Cases occurred as compared with 117 for the previous year. There were no deaths. The attack-rate was 2.89 per 1,000 of the population.

(c) **Diphtheria.**—50 Cases occurred during the year as compared with 92 for the previous year. There were 3 deaths as compared with 6 for the previous year. The attack-rate was 1.24 per 1,000 of the population.

(d) **Puerperal Pyrexia.**—6 cases were notified during the year, One case was removed to Hospital and terminated fatally.

(e) **Ophthalmia Neonatorum.**—4 Cases occurred during the year. In no case was the vision impaired.

(f) **Erysipelas.**—6 cases occurred during the year as compared with 12 for the previous year. The attack-rate was 0.15 per 1,000 of the population.

(g) **Pneumonia.**—60 cases were notified during the year as compared with 33 for the previous year. 15 cases ended fatally. The attack-rate was 1.5 per 1,000 of the population, and the death-rate 0.37 per 1,000 of the population.

(*l*) **Tuberculosis.**—There were 40 Pulmonary and 19 Non-Pulmonary cases of Tuberculosis notified during the year, as compared with 42 Pulmonary and 21 Non-Pulmonary for the previous year. During the year there were 20 deaths from Pulmonary and 8 from Non-Pulmonary Tuberculosis, as compared with 17 deaths from Pulmonary and 7 from Non-Pulmonary Tuberculosis for the previous year. The death-rate per 1,000 of the population for Pulmonary Tuberculosis was 0.49 and for Non-Pulmonary Tuberculosis 0.19, and for Tuberculosis (all forms) 0.68.

Notifiable Diseases (other than Tuberculosis).

The following table gives the incidence of Notifiable Infectious Diseases in the area during the year, 1937, together with the number of cases admitted to Hospital and the number of deaths:—

<i>Diseases.</i>	<i>Total Cases notified.</i>	<i>Cases admitted to Hospital.</i>	<i>Total Deaths.</i>
Smallpox	0	0	0
Scarlet Fever	116	3a	0
Diphtheria	50	18a	3
Enteric Fever (including Paratyphoid)	1	1a	0
Puerperal Fever	1	1a	1
Puerperal Pyrexia	5	0	0
Pneumonia	60	1a	15
Erysipelas	6	1a	0
Acute Poliomyelitis	1	1a	0
Ophthalmia Neonatorum	4	0	0

a—These cases were admitted to Hospitals outside the Council's area.

The table below shows the age distribution of notified Infectious Diseases:—

<i>Diseases.</i>	<i>All Ages</i>	<i>Under 1 yr</i>	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	65 & over
Smallpox	0	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet Fever	116	1	5	10	9	7	52	25	3	1	3	0	0
Diphtheria	50	0	2	2	3	5	32	3	1	0	2	0	0
Enteric Fever	1	0	0	0	0	0	0	0	0	0	1	0	0
Puerperal Fever	1	.....	.....	.....	.....	.....	.....	.....	0	0	1	0	.....
Puerperal Pyrexia	5	.....	.....	.....	.....	.....	.....	.....	.....	1	4	0	.....
Pneumonia	60	2	6	2	8	6	4	2	2	1	14	7	6
Erysipelas	6	0	0	0	0	0	0	0	0	0	1	4	1
Acute Poliomyelitis	1	0	0	0	0	0	0	1	0	0	0	0	0
Ophthalmia Neonatorum	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Number of Deaths.

The following table shows the number of deaths from Infectious Diseases during the year, as well as age-distribution.

	<i>All Ages</i>	<i>Under 1 yr.</i>	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	65 & over
Diphtheria	3	0	1	0	1	0	1	0	0	0	0	0	0
Puerperal Fever	1	.....	.....	.....	.....	.....	.....	.....	0	0	1	0	.....
Pneumonia	15	3	0	0	1	0	0	1	0	3	2	4	1

The following table shows the incidence of Scarlet Fever, Enteric Fever, Diphtheria, Puerperal Fever, and Erysipelas (per 1,000 population) since 1921:—

<i>Year.</i>	<i>Scarlet Fever</i>	<i>Enteric Fever</i>	<i>Diphtheria</i>	<i>Puerperal Fever</i>	<i>Erysipelas.</i>
1921	3.30	0.06	2.99	0.10	0.06
1922	4.00	0.04	0.87	0.09	0.09
1923	4.29	0.00	0.59	0.05	0.02
1924	2.09	0.00	0.60	0.02	0.17
1925	1.87	0.00	0.57	0.04	0.09
1926	0.93	0.00	1.62	0.00	0.14
1927	1.44	0.07	1.39	0.09	0.19
1928	0.38	0.04	1.52	0.04	0.14
1929	0.61	0.05	1.09	0.09	0.14
1930	1.78	0.00	1.83	0.09	0.11
1931	0.99	0.02	2.26	0.05	0.10
1932	1.39	0.00	2.23	0.12	0.37
1933	1.47	0.00	0.78	0.04	0.17
1934	1.43	0.00	0.42	0.09	0.20
1935	0.79	0.00	10.3	0.09	0.32
1936	2.91	0.00	2.28	0.05	0.29
1937	2.89	0.02	1.24	0.02	0.15

Ophthalmia Neonatorum.

<i>Cases.</i>			<i>Vision Unimpaired</i>	<i>Vision Impaired</i>	<i>Total Blindness</i>	<i>Totals Deaths</i>
<i>Notified</i>	<i>Treated</i>					
	<i>At Home</i>	<i>Hospital</i>				
4	4	0	4	0	0	0

Comparative Table of Notified Infectious Diseases within the County of Glamorgan, 1937 :—

DISTRICT.	Estimated Population 1937	Small- pox	Scarlet Fever	Diph- theria including Mem- branous Group	Enteric Fever (Typhoid & Para- typhoid)	Pneu- monia	Cholera	Plague	Puer- peral Fever	Cerebro- spinal Fever	Acute Polio- myelitis	Acute Polio- enceph- alitis	Enceph- alitis Lethar- gica	Typhus Fever	Relap- sing Fever	Con- tinued Fever	Dysen- tery	Ophthal- mia Neonate- rum	Puer- peral Pyrexia	Erysip- elas	Tuberculosis (Primary notifi- cation only)		Malaria	
																					Respir- atory	Other Forms		
URBAN																								
Aberdare	43,510	0	280	105	0	77	.....	.....	1	0	0	.....	0	.....	.....	.....	.....	19	2	3	8	51	21	0
Barry	35,950	0	73	131	3	50	.....	.....	0	0	1	.....	0	.....	.....	.....	.....	0	6	6	21	49	14	1
Bridgend	10,330	0	15	16	0	3	.....	.....	0	0	0	.....	0	.....	.....	.....	.....	0	0	0	2	17	9	0
Caerphilly	32,560	0	198	70	0	15	.....	.....	1	1	0	.....	0	.....	.....	.....	.....	1	2	6	9	18	15	0
Cowbridge Borough	1,002	0	1	0	0	3	.....	.....	0	0	0	.....	0	.....	.....	.....	.....	0	0	0	0	0	2	0
Gelligaer	37,060	0	73	45	0	19	.....	.....	0	2	0	.....	0	.....	.....	.....	.....	0	1	8	9	42	28	0
Glyncorrwg	9,715	0	41	5	0	18	.....	.....	0	0	0	.....	0	.....	.....	.....	.....	0	0	0	1	10	7	0
Llŵchwr	25,860	0	49	24	0	21	.....	.....	0	0	0	.....	0	.....	.....	.....	.....	0	0	0	1	25	8	0
Maesteg	22,660	0	33	80	13	25	.....	.....	1	0	0	.....	0	.....	.....	.....	.....	0	1	3	2	24	9	0
Mountain Ash	34,070	0	155	193	0	112	.....	.....	0	0	0	.....	0	.....	.....	.....	.....	0	0	1	7	33	12	0
Neath Borough	31,760	0	92	140	0	7	.....	.....	3	0	1	.....	0	.....	.....	.....	.....	0	1	10	23	43	13	0
Ogmore and Garw	24,240	0	91	22	3	62	.....	.....	5	0	0	.....	0	.....	.....	.....	.....	1	5	1	11	11	5	0
Penarth	16,420	0	45	115	4	127	.....	.....	0	7	1	.....	0	.....	.....	.....	.....	2	1	9	7	1	1	0
Pontypridd	39,070	0	369	90	0	43	.....	.....	0	2	0	.....	0	.....	.....	.....	.....	0	3	13	10	16	3	0
Porthcawl	6,693	0	24	23	0	1	.....	.....	0	0	0	.....	1	.....	.....	.....	.....	0	1	1	1	0	1	0
Port Talbot Borough	40,300	0	188	27	3	10	.....	.....	1	0	0	.....	1	.....	.....	.....	.....	0	1	1	4	16	1	0
Rhondda	124,200	0	646	110	1	257	.....	.....	7	6	1	.....	0	.....	.....	.....	.....	1	26	16	47	71	26	0
RURAL.																								
Cardiff	31,520	0	92	48	0	12	.....	.....	0	0	0	.....	0	.....	.....	.....	.....	0	0	3	7	32	5	0
Cowbridge	10,400	0	21	40	0	6	.....	.....	2	0	0	.....	0	.....	.....	.....	.....	1	1	0	3	4	2	0
Gower	10,430	0	8	13	1	7	.....	.....	0	0	0	.....	0	.....	.....	.....	.....	0	1	0	1	5	2	0
Llantrisant & Llantwit Fardre	24,480	0	44	32	8	20	.....	.....	2	1	1	.....	0	.....	.....	.....	.....	0	3	2	5	25	9	0
NEATH	40,100	0	116	50	1	60	.....	.....	0	0	0	.....	0	.....	.....	.....	.....	0	4	6	6	40	19	0
Penybont	27,640	0	28	78	1	15	.....	.....	2	0	0	.....	0	.....	.....	.....	.....	0	0	2	4	54	17	8
Pontardawe	34,230	0	59	24	0	20	.....	.....	0	0	0	.....	0	.....	.....	.....	.....	0	2	4	9	43	13	0



Infectious Diseases Incidence—Parish Distribution

	Smallpox	Scarlet Fever	Diphtheria	Enteric Fever	Cerebro-spinal Fever	Chicken pox	Puerperal Fever	Puerperal Pyrexia	Ophthalmia Neonatorum	Erysipelas (all forms)	Pneumonia (all forms)	Acute Encephalitis Leihargica	Acute Poliomylitis	Tuberculosis Pulmonary	Tuberculosis Non-pulmonary
DULAIS VALLEY.															
Parish of Dulais Higher	0	46	0	1	0	0	0	3	0	1	9	0	1	6	1
Parish of Dulais Lower	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0
Total	0	47	1	1	0	0	0	3	0	1	10	0	1	6	1
NON-TIDAL PORTION OF NEATH VALLEY.															
Parish of Rhigos	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0
Parish of Neath Higher	0	16	1	0	0	0	0	1	0	2	14	0	0	5	4
Parish of Blaengwrach	0	3	0	0	0	0	0	0	0	0	0	0	0	1	1
Parish of Resolven	0	17	1	0	0	0	0	0	0	0	7	0	0	3	3
Parish of Neath Lower	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0
Parish of Clyne	0	2	0	0	0	0	0	0	1	0	0	0	0	2	0
Total	0	41	2	0	0	0	0	1	2	2	22	0	0	12	8
TIDAL PORTION OF NEATH VALLEY.															
Parish of Tonna	0	2	7	0	0	0	0	0	0	1	2	0	0	0	3
Parish of Blaenhoddan	0	9	13	0	0	0	0	0	0	0	1	0	0	5	1
Parish of Dyffryn Clydach	0	5	5	0	0	0	0	0	0	0	10	0	0	3	1
Parish of Coedffranc	0	12	22	0	0	0	1	1	2	2	15	0	0	12	5
Total	0	28	47	0	0	0	1	1	2	3	28	0	0	20	10
AFAN VALLEY.															
Parish of Baglan Higher	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parish of Michaelstone H'er	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Total (all Parishes)	0	116	50	1	0	0	1	5	4	6	60	0	1	40	19

2.—(a). **Prevention of Blindness.**—Section 66 of the Public Health, 1925, has not been adopted by the Council and no action was taken during the year under Section 176 of the Public Health Act, 1936.

(b) **Tuberculosis.**—The following table shows particulars of new cases of Tuberculosis and of deaths from the disease in the area during 1937.

Age Periods	New Cases (Notified).				Deaths.			
	Pulmonary		Non.Pul.		Pulmonary		Non-Pul,	
	M.	F.	M.	F.	M.	F.	M.	F.
0 Years to 1 Year	0	0	0	0	0	0	0	0
1 Year to 5 Years	2	2	2	3	0	0	1	0
5 Years to 10 Years	0	0	2	0	0	0	0	1
10 Years to 15 Years	0	0	2	1	0	0	0	1
15 Years to 20 Years	5	2	3	1	1	1	1	1
20 Years to 25 Years	3	4	2	2	0	2	0	2
25 Years to 35 Years	3	6	1	0	1	5	1	0
35 Years to 45 Years	3	2	0	0	1	2	0	0
45 Years to 55 Years	4	0	0	0	2	0	0	0
55 Years to 65 Years	3	0	0	0	2	1	0	0
65 Years and upwards	1	0	0	0	2	0	0	0
Totals	24	16	12	7	9	11	3	5

The ratio of non-notified Tuberculosis deaths to total Tuberculosis deaths is as 6 to 28.

Of the six non-notified deaths four occurred in Insitutions.

The death-rates from Tuberculosis (since 1911) are shown in the following table :—

	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
General Death-rate	14.6	12.0	13.4	12.5	14.2	13.2	11.3	14.7	11.3	11.6	11.2	11.6	10.8	9.8	10.2	10.5	12.3	9.6	10.8	10.3	10.5	12.4	11.3	11.0	10.7	11.1	11.3
Pulmonary Tuberculosis	0.92	0.66	0.64	0.73	0.95	0.98	1.26	0.93	0.88	0.86	1.08	0.63	0.98	0.90	0.72	0.83	0.61	0.76	0.88	0.61	0.64	0.69	0.86	0.96	0.56	0.42	0.49
Tuberculosis (other forms)	0.36	0.23	0.40	0.18	0.30	0.31	0.33	0.18	0.28	0.28	0.18	0.16	0.15	0.17	0.27	0.22	0.24	0.28	0.16	0.21	0.14	0.09	0.32	0.07	0.17	0.17	0.19
Tuberculosis (all forms)	1.28	0.89	1.04	0.91	1.25	1.29	1.59	1.11	1.16	1.15	1.26	0.80	1.13	1.08	0.99	1.05	0.85	1.05	1.04	0.83	0.79	0.79	1.18	1.03	0.74	0.59	0.68

No action was taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925, (relating to persons suffering from pulmonary tuberculosis employed in the milk trade) or under Section 62 of the Public Health Act, 1925, or Section 172 of the Public Health Act, 1936 (relating to the compulsory removal to hospital of persons suffering from tuberculosis).

